

South Dakota Weekly Crop Weather Report

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Cooperating with:
SOUTH DAKOTA STATE UNIVERSITY
AGRICULTURAL EXTENSION SERVICE and
U.S. DEPARTMENT OF AGRICULTURE
FARM SERVICE AGENCY

AGRICULTURAL SUMMARY

Colder than normal temperatures prevailed for the second week in a row. Continued frost across the state helped row crops to dry down for harvest. Soybean harvest is nearing completion, while corn, sorghum and sunflower harvest is making good progress. Parts of the state received snow and rain that slowed harvest progress. Statewide, 5.5 days were suitable for fieldwork. Much of the western part of the state continues to be short of moisture. Nearly all the winter wheat has emerged. The main activities on farms last week were moving livestock off summer pastures, weaning calves, fencing and harvesting corn, sorghum, and sunflowers.

This report is based on information from county extension educators, Farm Service Agency county directors, and other reporters across the state.

WEATHER INFORMATION

Frosty conditions were common last week. Average temperatures in the upper 30's to lower 40's rated approximately 10 degrees below normal. The high temperature in the state last week was 78 degrees, reported in Rapid City, while Aberdeen had the low for the week, at 13 degrees. Scattered snow and rain was received in some areas last week. Spearfish reported the most precipitation last week, at 0.83 of an inch.

SOIL CONDITION

The cool weather continues to bring the soil temperatures down steadily into the 40's. Last week's precipitation helped moisture levels to hold steady or improve very slightly. Topsoil moisture levels held constant at 73 percent adequate to surplus. Subsoil moisture levels improved by 2 percentage points from 48 percent to 50 percent rated adequate to surplus last week to this week.

FIELD CROPS REPORT

Continued frosty conditions are helping to dry down row crops for harvest. Soybean harvest is nearly finished, at 93 percent complete. This puts soybean harvest progress equal to last year, but slightly ahead of the five-year average of 88 percent. Corn harvested for grain is 36 percent complete, behind both last year and the five-year average of 49 and 41 percent, respectively. There have been reports of above average amounts of common corn smut. Sorghum harvested for grain is 60 percent complete, also behind the pace of 83 percent last year and 70 percent for the five-year average. Nearly all the sunflower crop has reached maturity, at 93 percent, which about average. However, sunflower harvest continues to progress behind normal pace, at 32 percent this week compared to 58 percent last year and the 55 percent five-year average. Winter wheat emergence is nearly complete at 88 percent, rating it ahead of last year's 83 percent and the five-year average of 78 percent.

LIVESTOCK, PASTURE, AND RANGE REPORT

Cattle and sheep conditions continue to be stable with little change week to week. Many farmers and ranchers are moving livestock off summer pastures to stubble fields or winter pens. In the process, many calves, if not weaned earlier, are being weaned now, as well as, being sold. There have been a few reports of calves weighing lighter than last year due to the hot summer and early weaning. Some western counties report hauling water due to short stock water supplies.

Feed and Water Supplies Comparison as of October 22, 2006

Rating	Feed Supplies			Stock Water Supplies		
	This Week	Last Year	5 Yr. Avg.	This Week	Last Year	5 Yr. Avg.
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Very Short	16	3	10	22	16	22
Short	24	7	20	25	24	22
Adequate	59	82	64	51	57	53
Surplus	1	8	5	2	3	2

Soil Moisture Condition Comparison as of October 22, 2006

Rating	Topsoil			Subsoil		
	This Week	Last Week	Last Year	This Week	Last Week	Last Year
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Very Short	9	8	10	21	21	18
Short	18	19	23	29	31	26
Adequate	71	70	63	48	45	52
Surplus	2	3	4	2	3	4

Crop and Livestock Conditions as of October 22, 2006

Item	V Poor	Poor	Fair	Good	Excel
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Winter Wheat	3	0	25	56	16
Corn	20	22	26	27	5
Sunflower	24	34	29	12	1
Alfalfa	18	19	31	27	5
Cattle	0	1	20	64	15
Sheep	0	1	18	61	20
Range & Pasture	18	25	33	22	2

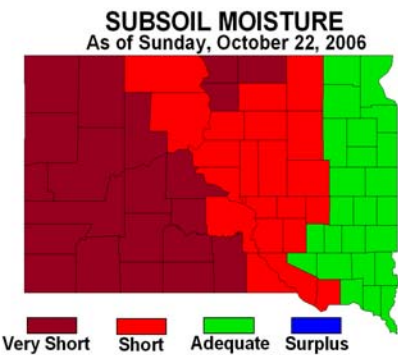
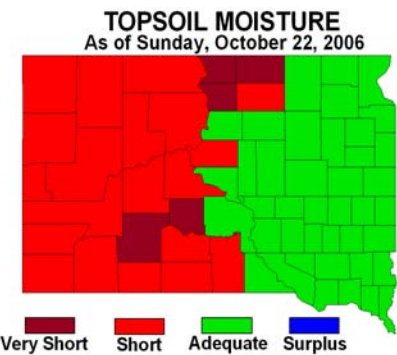
Crop Progress as of October 22, 2006 ¹

Item	This Week	Last Week	Last Year	5-Yr Avg.
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Winter Wheat				
Emerged	88	74	83	78
Corn				
Grain Harvested	36	23	49	41
Soybeans				
Harvested	93	77	93	88
Sorghum				
Grain Harvested	60	45	83	70
Sunflower				
Mature	93	81	92	95
Harvested	32	17	58	55

¹ Percents represent all acreage in or beyond each stage.

Soil Temperatures Week Ending Oct 22, 2006 (4-inch Depth)

Location	Temp	Location	Temp
Beresford	43	Gettysburg	45
Brookings	47	Nisland	47
Caputa	45	Pierre	49
Oacoma	48	Redfield	43
Cottonwood	43	South Shore	45



TEMPERATURE and PRECIPITATION
Week Ending Sunday, October 22, 2006

District And Station	Temperatures Past Week				Precipitation				
	Average	Departure From Norm	High	Low	Total			Departure From Norm.	
					Current Week	Since Jan. 1	Since Apr. 1	Since Jan. 1	Since Apr. 1
	<i>Degrees</i>	<i>Degrees</i>	<i>Degrees</i>	<i>Degrees</i>	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>
Northwest									
Bison	40	-8	64	20	0.65	11.47	9.26	-4.21	-4.46
Buffalo	38	-9	70	24	0.33	9.30	8.74	-3.65	-3.03
Dupree	37	-12	60	23	0.10	11.32	9.51	-4.15	-4.27
McIntosh	38	-10	63	24	0.27	11.25	10.19	-4.15	-3.74
Newell	41	-6	76	25	0.44	13.16	11.72	-0.80	-0.74
Timber Lake	37	-11	58	24	0.08	9.28	8.05	-7.10	-6.37
North Central									
Aberdeen	40	-7	72	13	0.03	14.89	13.85	-2.40	-1.26
Eureka	39	-7	64	21	0.36	12.67	12.04	-3.08	-2.13
Faulkton	38	-9	74	19	0.04	12.21	10.82	-5.12	-4.41
Mobridge	40	-8	68	26	0.28	7.70	7.17	-7.98	-6.61
Roscoe	36	-11	66	17	0.02	13.40	12.66	-4.04	-2.86
Northeast									
Britton	40	-8	67	21	0.19	18.33	16.62	0.84	0.84
Clear Lake	39	-9	64	20	0.17	23.91	21.78	1.77	2.55
Sisseton	41	-7	68	19	0.05	19.92	18.35	0.62	1.48
Webster	36	-11	61	19	0.00	20.00	18.53	0.55	1.37
Watertown	41	-7	65	20	0.05	16.55	15.33	-3.86	-2.55
West Central									
Faith	39	-10	69	23	0.13	11.68	10.23	-3.80	-3.44
Milesville	38	-12	61	24	0.42	14.16	12.51	-2.60	-2.33
Long Valley	41	-10	70	22	0.30	12.56	10.77	-4.12	-4.04
Philip	41	-9	77	21	0.26	10.01	7.95	-4.94	-5.36
Rapid City	43	-6	78	25	0.29	11.26	9.72	-4.08	-3.68
Spearfish	39	-10	72	24	0.83	19.09	16.96	-1.04	-0.38
Central									
Chamberlain	41	-10	71	21	0.18	12.86	10.34	-3.50	-4.25
Highmore	41	-8	71	22	0.10	14.87	13.55	-3.43	-2.68
Huron	43	-5	74	21	0.06	15.57	14.74	-2.96	-1.04
Onida	40	-10	63	21	0.15	14.87	12.95	-2.10	-1.69
Pierre	42	-7	70	21	0.05	10.73	9.27	-6.60	-6.02
East Central									
Brookings	38	-7	63	19	0.17	21.23	19.21	-0.15	-0.19
Madison	39	-8	63	19	0.13	20.16	18.36	-1.65	-0.34
Mitchell	41	-8	67	21	0.20	23.35	20.90	3.17	3.35
Sioux Falls	44	-4	65	22	0.22	23.77	20.25	2.10	1.37
Southwest									
Custer	36	-9	64	22	0.29	17.32	14.71	-0.36	-1.09
Hot Springs	41	-10	72	23	0.36	12.05	8.50	-2.77	-4.83
Oelrichs	42	-8	76	21	0.22	14.85	12.22	-0.74	-1.45
Porcupine	40	-7	77	18	0.48	18.28	15.19	3.42	1.81
South Central									
Murdo	41	-8	73	21	0.25	12.71	9.75	-3.96	-4.66
Winner	43	-9	76	21	0.17	15.55	12.67	-6.33	-6.38
Southeast									
Armour	42	-9	60	22	0.10	21.96	20.03	0.82	1.77
Centerville	43	-5	66	24	0.43	24.42	22.02	1.44	1.82
Marion	41	-7	65	22	0.30	24.89	21.85	2.60	2.55
Pickstown	43	-8	71	23	0.17	23.13	19.98	2.70	2.04
Vermillion	46	-6	65	24	0.55	21.66	18.56	-0.84	-1.31
Yankton	43	-7	69	22	0.39	24.15	19.45	2.55	0.36

SOURCE: National Weather Service, provided by AWIS, Inc.